

Iowa Crops & Weather



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Issued August 2, 2004

Vol. 04-22

For the week ending August 1, 2004

Mid-Summer Crop Progress Report

Agricultural Summary: Warm, sunny weather advanced the crops. Field activities included harvesting hay and oats, and baling straw. There were isolated reports of aphids in soybeans. Despite warm temperatures last week, more heat units would be beneficial for corn development. Moisture is of concern in many areas.

There were 5.6 **days suitable for fieldwork**, compared to 5.0 days the previous week and 6.4 days last year at this time. **Topsoil moisture** rated 2 percent very short, 13 percent short, 79 percent adequate, and 6 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 10 percent short, 82 percent adequate, and 6 percent surplus.

Field Crops Report: The **corn acreage silked** was 89 percent, compared to 81 percent last year and the 5-year average of 88 percent. The corn acreage in the **milk stage** was 39 percent, compared to 26 percent last year, and the 5-year average of 41 percent. Twelve percent of the corn acreage was in the **dough stage**. **Corn condition** was rated 1 percent very poor, 5 percent poor, 17 percent fair, 49 percent good, and 28 percent excellent. **Soybean acreage blooming** was 95 percent, compared to 87 percent last year and the 5-year average of 91 percent. **Soybean acreage setting pods** was 66 percent, compared to 46 percent last year and the 5-year average of 60 percent. **Soybean condition** was rated 2 percent very poor, 5 percent poor, 18 percent fair, 50 percent good, and 25 percent excellent. **Oat acreage harvested for grain** was 78 percent complete, compared to 77 percent last year, and the 5-year average of 83 percent. The **second cutting of alfalfa** advanced to 90 percent complete from 79 percent the previous week. The **third cutting of alfalfa** was 7 percent complete. **Hay condition** was rated 5 percent poor, 19 percent fair, 55 percent good, and 21 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good and pastures were looking better than normal for this time of year. **Pasture and range condition** was rated 1 percent very poor, 5 percent poor, 20 percent fair, 56 percent good, and 18 percent excellent.

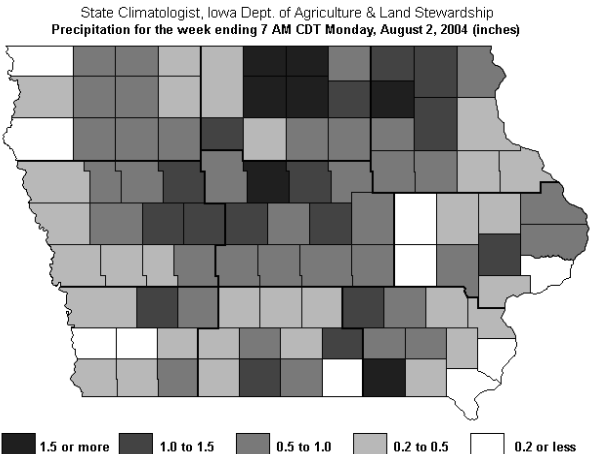
Iowa Weather Summary

The past work week began with well below normal temperatures on Monday (26th) with afternoon highs in the 70's statewide. Daytime highs were generally in the mid 70's to low 80's in most areas through Friday (30th). Highs in the 80's were common over the weekend with above normal temperatures finally recorded in some parts of Iowa on Sunday (1st). Temperature extremes for the week ranged from a Tuesday (27th) morning low of 47 degrees at Waterloo to a Saturday (31st) afternoon high of 89 degrees at Mapleton. The statewide average temperature for the week as a whole averaged 4.9 degrees below normal.

No rain fell across Iowa on Monday (26th) or Tuesday (27th) while thunderstorms were scattered across the state on each of the remaining days of the reporting week. Severe weather was reported from 11 counties (mostly northwest Iowa) on Saturday (31st) evening and from a few southwest Iowa locations on Sunday (1st) afternoon. Finally, a couple of reports of large hail were received from southeast Iowa early Monday (2nd) morning. Most areas received only light to moderate rain but there were a few locations where heavy rain fell, such as Lake Mills where 4.29 inches was recorded during the week. On the other extreme, no rainfall was reported at either Fort Madison or Clinton. The statewide average precipitation was 0.72 inches while normal for the week is 0.94 inches.

Statewide Crop Conditions as of August 1, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	5	17	49	28
Hay, all	0	5	19	55	21
Oats	1	4	18	64	13
Range & Pasture	1	5	20	56	18
Soybeans	2	5	18	50	25



Field Work and Crop Progress as of August 1, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>				
Corn silked	86	89	87	87	91	89	95	92	96	89	73	81	88
Corn in or past milk stage	33	34	31	32	37	40	54	55	64	39	8	26	41
Corn in or past dough stage	3	5	11	11	17	9	15	28	28	12	4	4	10
Soybeans blooming	98	97	93	97	95	90	95	82	91	95	87	87	91
Soybeans setting pods	52	73	72	70	69	56	79	51	67	66	43	46	60
Oats harvested for grain	73	70	68	75	87	80	89	88	92	78	36	77	83
Hay, alfalfa - second crop harvested	95	95	84	91	93	94	93	89	86	90	79	91	88
Hay, alfalfa - third crop harvested	7	4	7	6	8	10	12	4	9	7	NA	6	6

NA=Not available.

Days Suitable & Soil Moisture Condition as of August 1, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>			
Days suitable	6.1	5.5	5.7	5.8	5.1	5.5	4.7	5.6	6.2	5.6	5.0	6.4
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	2	1	0	6	0	2	0	0	5	2	1	11
Short	16	11	6	23	7	23	1	7	20	13	7	30
Adequate	79	78	86	68	80	74	87	88	72	79	82	57
Surplus	3	10	8	3	13	1	12	5	3	6	10	3
Subsoil moisture												
Very short	0	2	0	2	1	4	0	0	5	2	0	8
Short	11	9	5	18	6	12	1	6	19	10	7	26
Adequate	87	77	80	77	85	84	90	89	74	82	82	62
Surplus	2	12	15	3	8	2	9	5	2	6	11	4

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, August 1, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	83	49	66	-6	0.26	-0.51	15.99	2.17	116	-38
	87	46	69	-6	0.02	-0.68	15.12	1.14	132	-35
	86	49	68	-6	0.44	-0.47	13.03	-1.41	127	-34
	85	52	69	-4	0.35	-0.42	15.11	1.33	134	-41
Britt Humboldt Mason City Northwood	North Central District									
	82	52	68	-6	0.45	-0.42	18.83	3.28	125	-36
	82	55	68	-7	0.56	-0.35	17.48	1.66	127	-41
	82	49	66	-7	0.65	-0.26	27.52	11.49	115	-42
	81	50	66	-7	2.09	1.11	27.36	12.15	115	-46
Decorah Dubuque Elkader Independence Waterloo	North East District									
	87	50	69	-4	0.52	-0.32	26.82	11.17	135	-26
	80	51	68	-5	0.62	-0.31	13.32	-2.98	127	-27
	81	51	67	-6	0.11	-0.87	22.16	6.73	123	-58
	82	47	66	-7	0.26	-0.76	21.96	5.35	113	-69
	84	47	69	-5	0.45	-0.54	14.60	-2.26	133	-28
	West Central District									
	84	48	65	-11	0.27	-0.57	20.17	4.21	107	-69
	85	47	68	-7	0.41	-0.50	15.02	-2.06	128	-39
	87	53	68	-7	0.27	-0.43	11.53	-3.26	129	-32
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	85	48	68	-7	0.85	0.01	20.54	4.40	131	-40
	84	49	67	-9	0.25	-0.52	18.35	2.61	119	-45
	87	52	68	-6	0.67	-0.24	19.05	1.97	130	-37
	86	50	68	-8	0.15	-0.62	16.59	1.12	131	-49
	85	52	67	-8	0.77	-0.14	21.01	5.09	122	-46
	88	48	69	-7	0.36	-0.34	12.76	-0.36	137	-44
	Central District									
	84	50	68	-6	0.56	-0.43	20.16	2.75	126	-35
	86	50	69	-6	1.24	0.40	15.49	-1.51	133	-35
	85	55	70	-8	0.66	-0.20	17.86	2.44	143	-45
Des Moines Eldora Marshalltown Newton Perry Toledo	83	53	68	-7	0.66	-0.32	15.23	-1.66	124	-41
	83	48	68	-6	0.38	-0.61	16.67	0.20	124	-37
	84	53	68	-8	0.34	-0.50	19.82	3.86	128	-47
	86	50	68	-6	0.26	-0.58	18.26	2.18	129	-38
	82	49	67	-7	0.29	-0.72	13.54	-3.27	118	-43
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	81	52	68	-7	0.18	-0.68	13.86	-1.84	129	-39
	82	50	68	-8	0.00	-0.91	17.01	1.65	127	-48
	83	52	70	-7	0.62	-0.43	17.33	-0.04	142	-40
	82	50	68	-6	1.90	0.92	19.15	1.84	128	-40
	81	51	67	-6	1.04	0.20	16.78	1.36	123	-38
	83	54	69	-8	0.25	-0.68	15.79	-0.58	134	-21
	South West District									
	83	50	68	-9	0.20	-0.85	17.85	0.11	125	-55
	87	50	69	-7	0.18	-0.66	15.69	-0.69	137	-45
Clarinda Glenwood Oakland Red Oak Sidney	83	51	67	-7	0.68	-0.16	19.96	4.15	121	-46
	85	52	69	-8	0.15	-0.76	16.52	-1.12	134	-52
	86	55	70	-8	0.07	-0.97	17.60	1.02	140	-47
	South Central District									
	86	53	68	-8	0.31	-0.67	16.57	0.05	129	-18
Allerton Beaconsfield Chariton Indianola Leon	84	54	68	-8	0.00	-0.91	14.69	-1.42	125	-50
	85	50	67	-9	0.08	-0.83	16.63	-0.40	125	-50
	84	53	69	-7	0.36	-0.48	18.68	2.31	131	-43
	89	50	71	-5	0.00	-0.92	19.07	2.53	149	-31
	South East District									
Bloomfield Burlington Ottumwa	87	55	69	-8	0.00	-1.01	15.46	-1.14	137	-45
	85	49	69	-7	0.00	-0.91	11.13	-4.60	133	-46
	84	52	69	-8	0.30	-0.64	11.53	-4.11	133	-50

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.